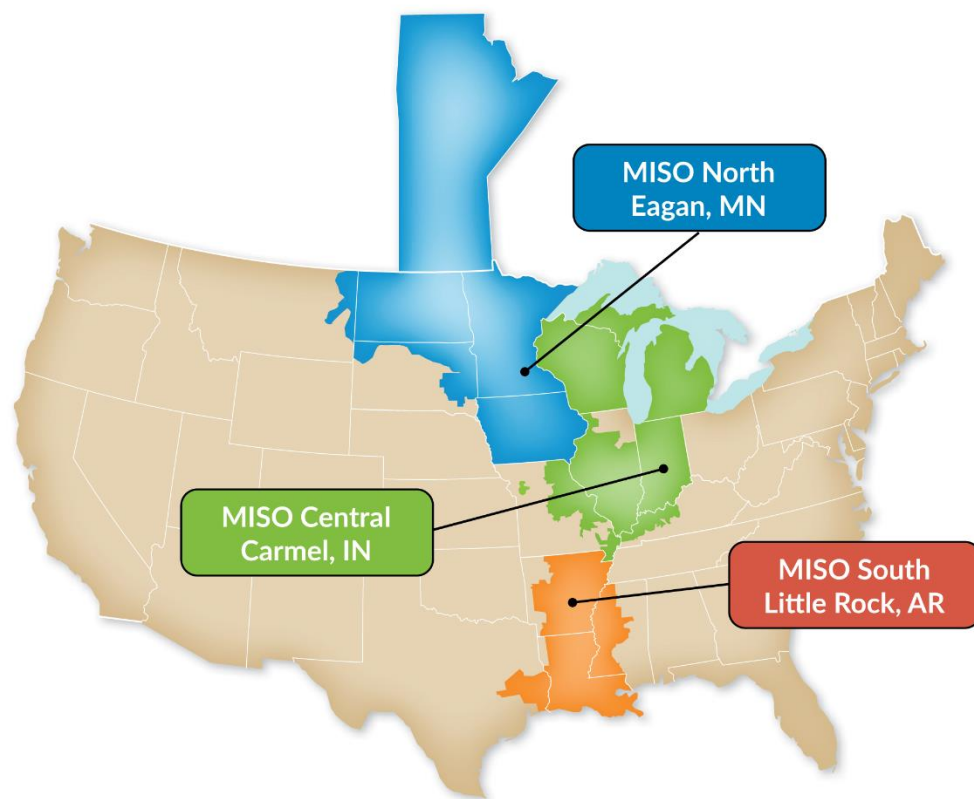




ICC Summer Preparedness Policy Session

June 13th, 2022

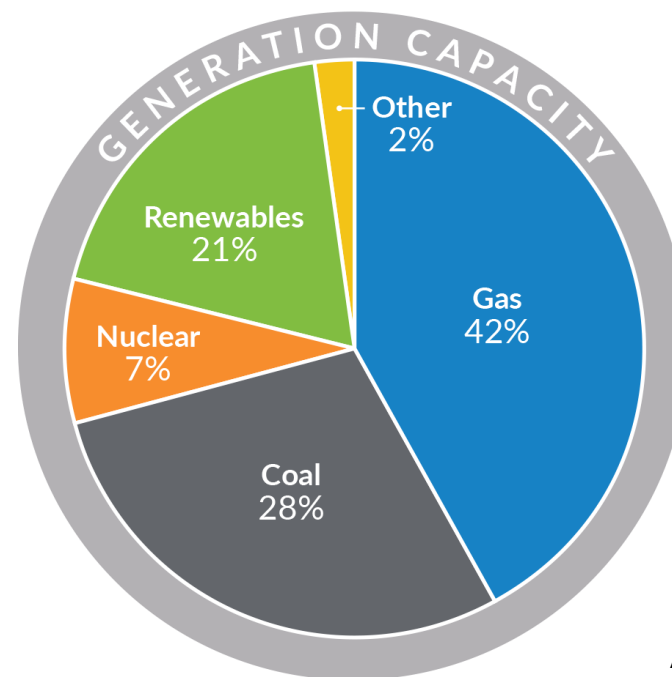
MISO drives value creation through efficient and reliable markets, operations, planning, and innovation



MISO's reliability footprint and locations of regional control centers.

MISO by the numbers

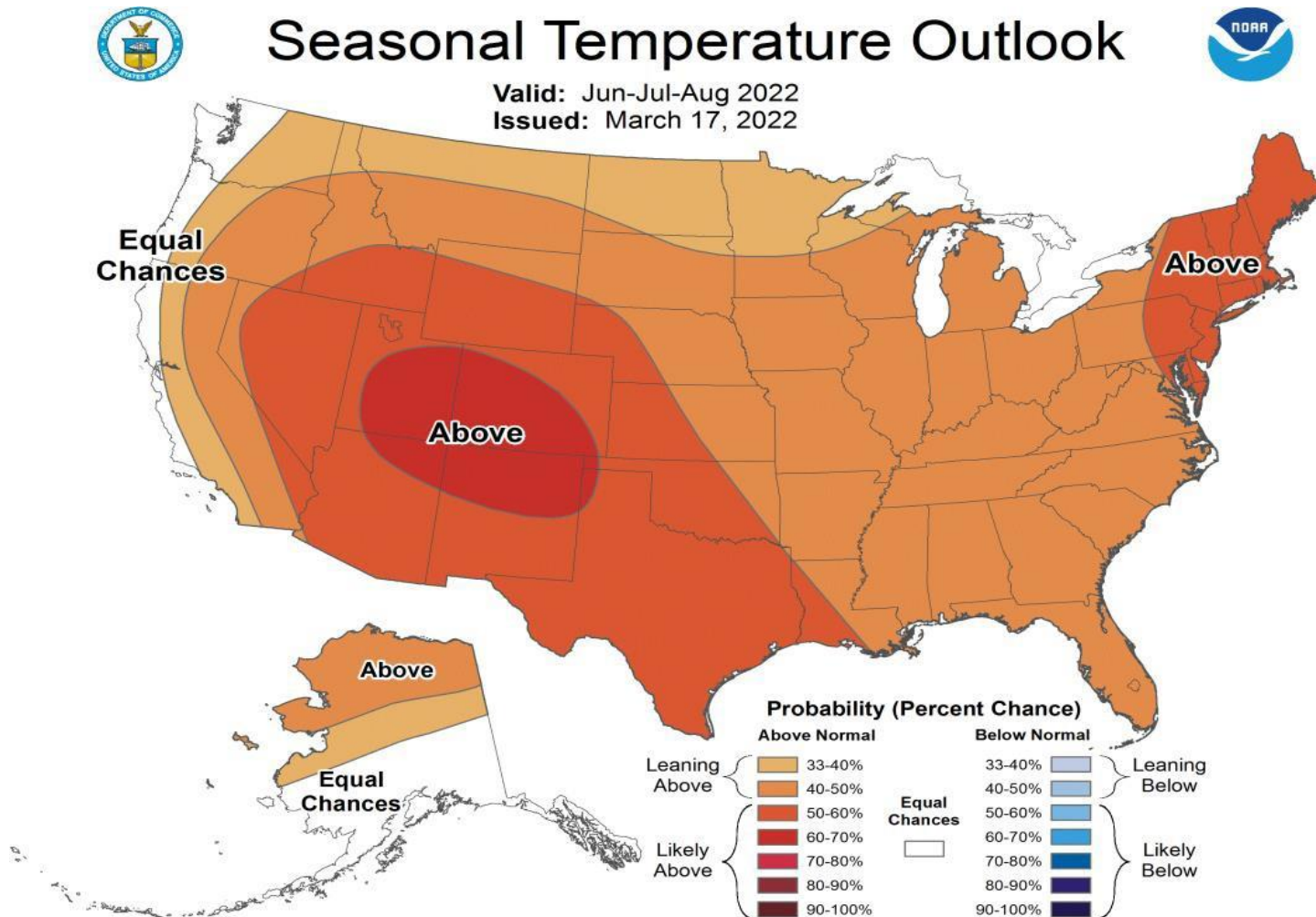
| | |
|---------------------------|---------------|
| High Voltage Transmission | 65,800 miles* |
| Generation Capacity | 184,287 MW |
| Peak Summer System Demand | 127,125 MW |
| Customers Served | 42 Million |



As of 12/2021

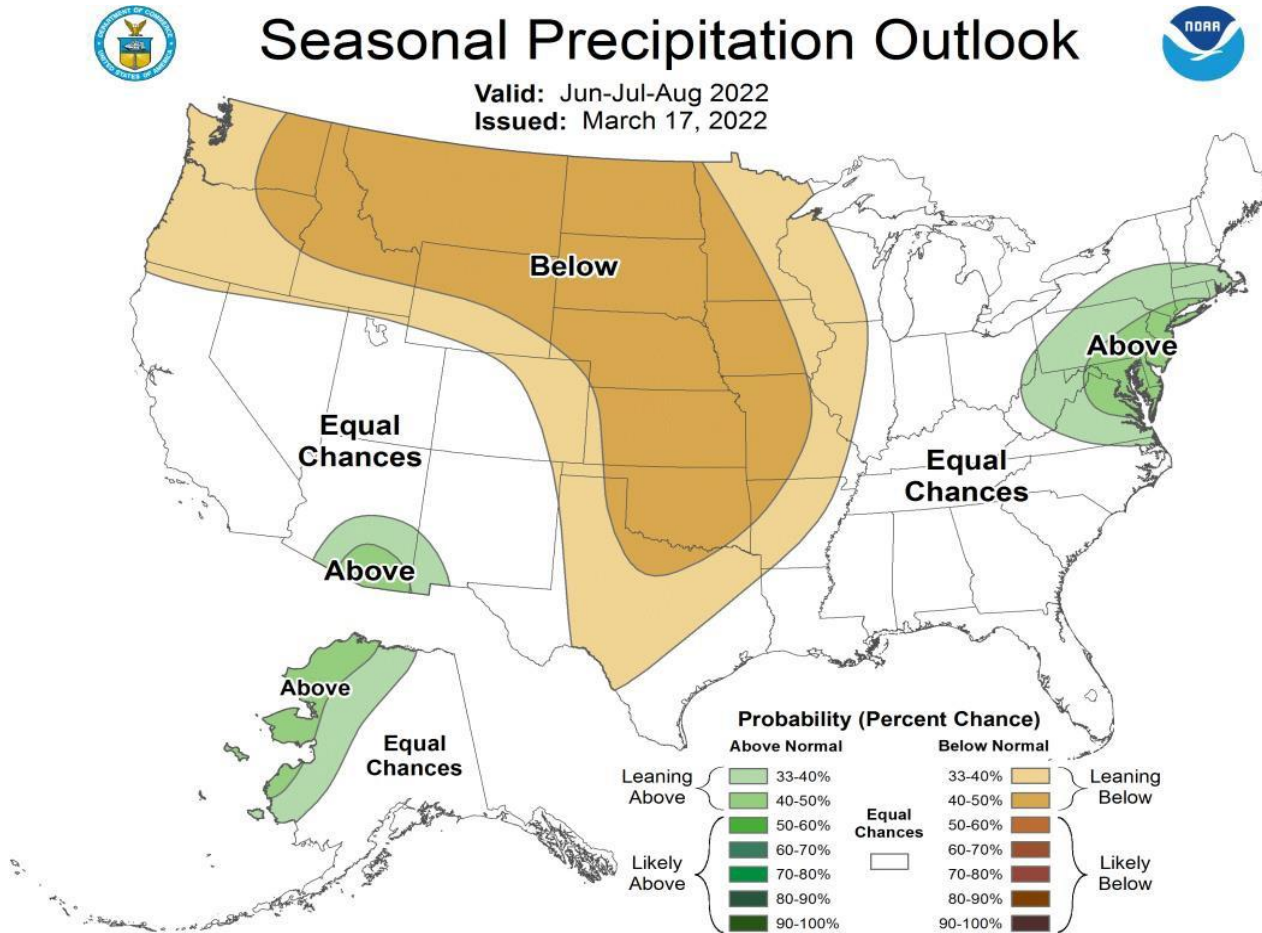
What are the vendors saying?

NOAA



Precipitation Outlook

NOAA

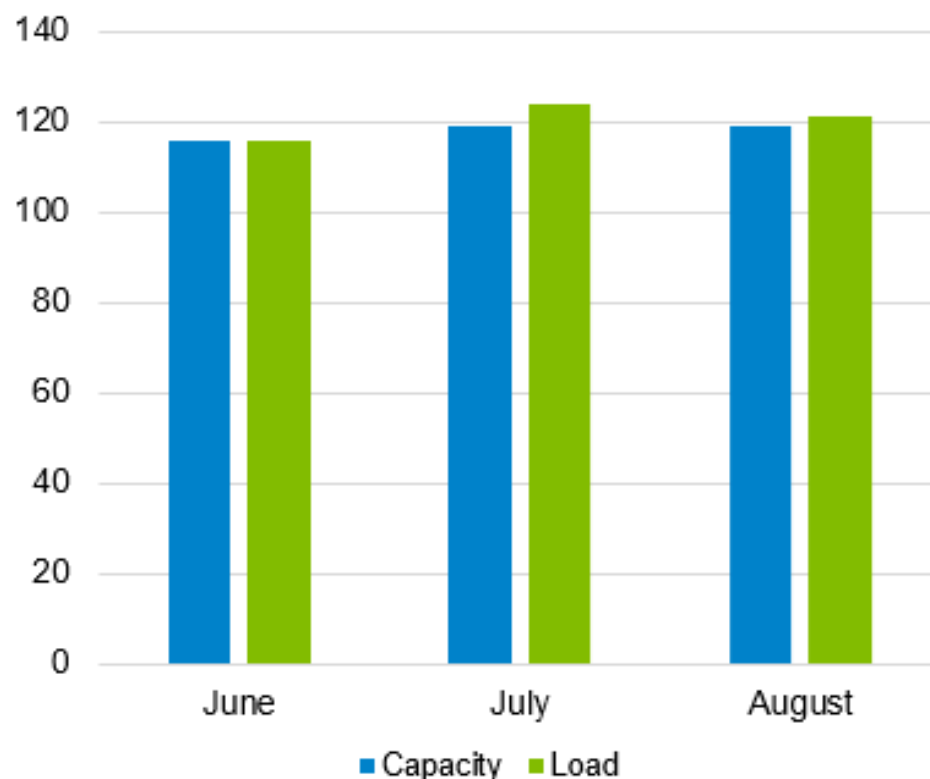


Precipitation Forecast

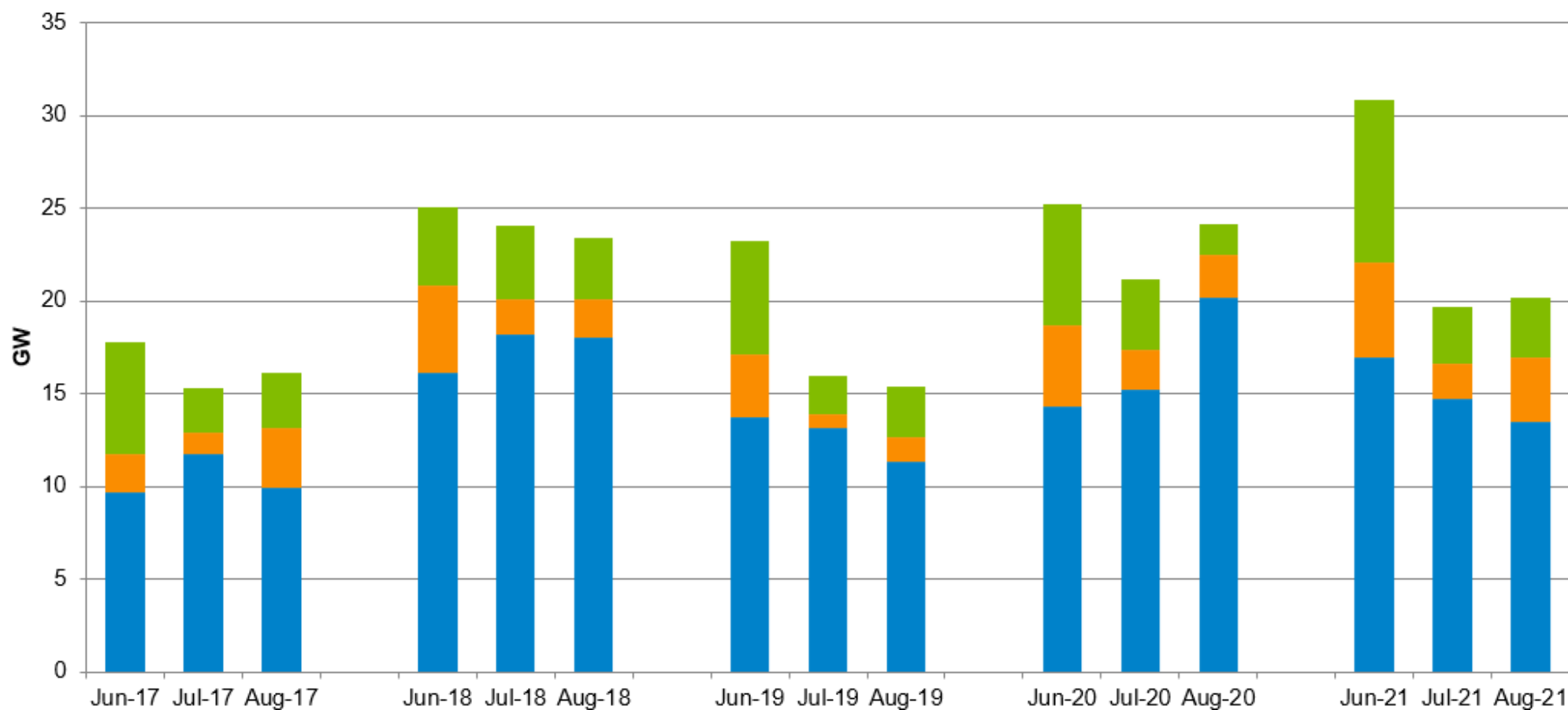
NOAA forecasts below average precipitation across most of Zones 1 through 5 and Zone 8 while it is expected that the remainder of the footprint will see average precipitation levels

Under typical demand and outage scenarios, firm resources are projected to be insufficient to cover peak load of summer months

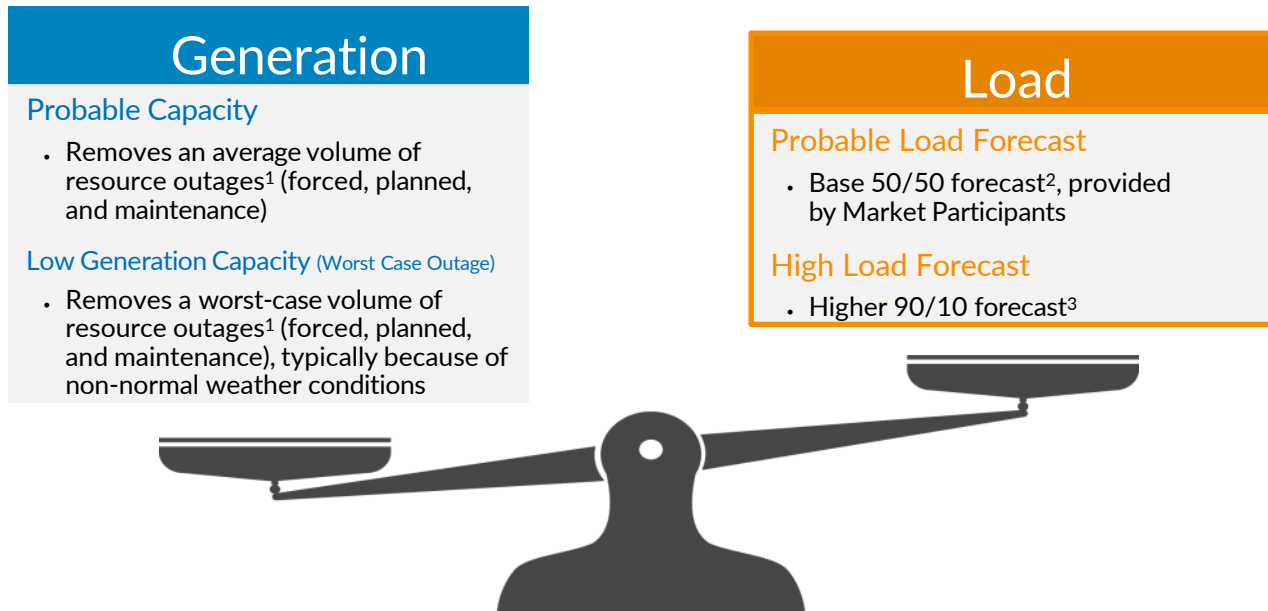
| MISO 2022 Base Summer Forecast | |
|--------------------------------------|--------|
| June Probable Peak Load Forecast | 116 GW |
| June Projected Available Capacity* | 116 GW |
| July Probable Peak Load Forecast | 124 GW |
| July Projected Available Capacity* | 119 GW |
| August Probable Peak Load Forecast | 121 GW |
| August Projected Available Capacity* | 119 GW |



New maximum seasonal peak for cumulative generation outages occurred in June 2021

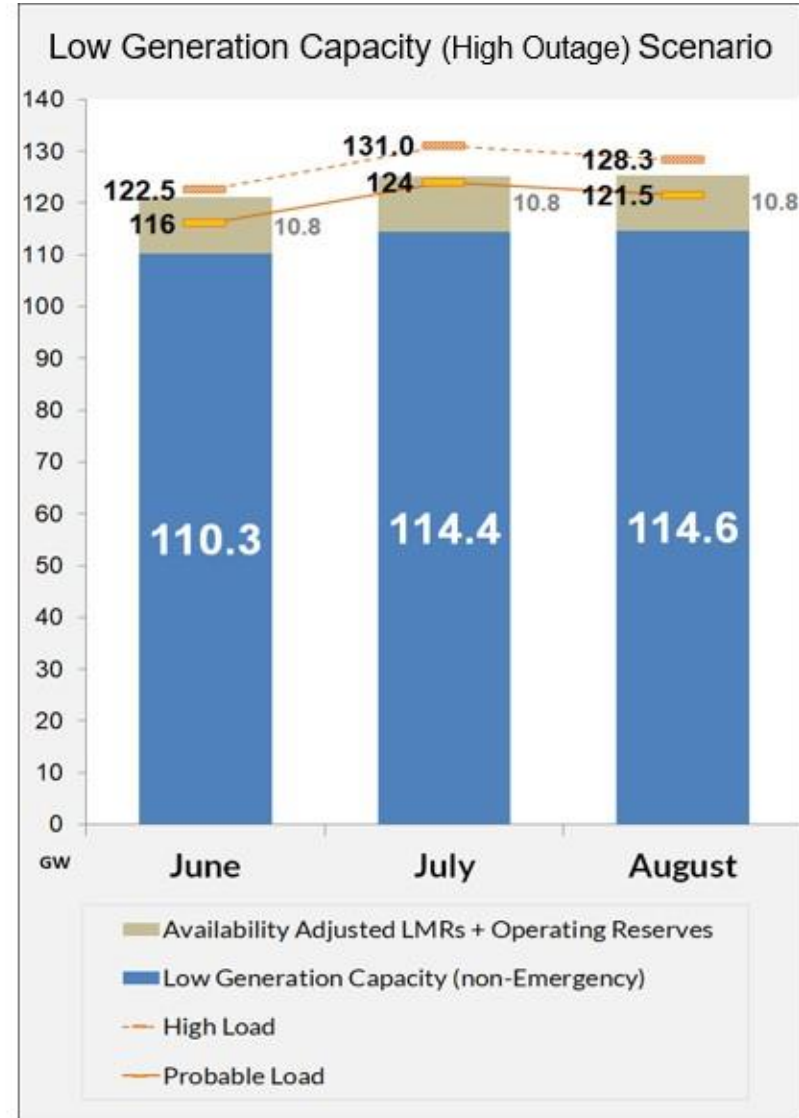
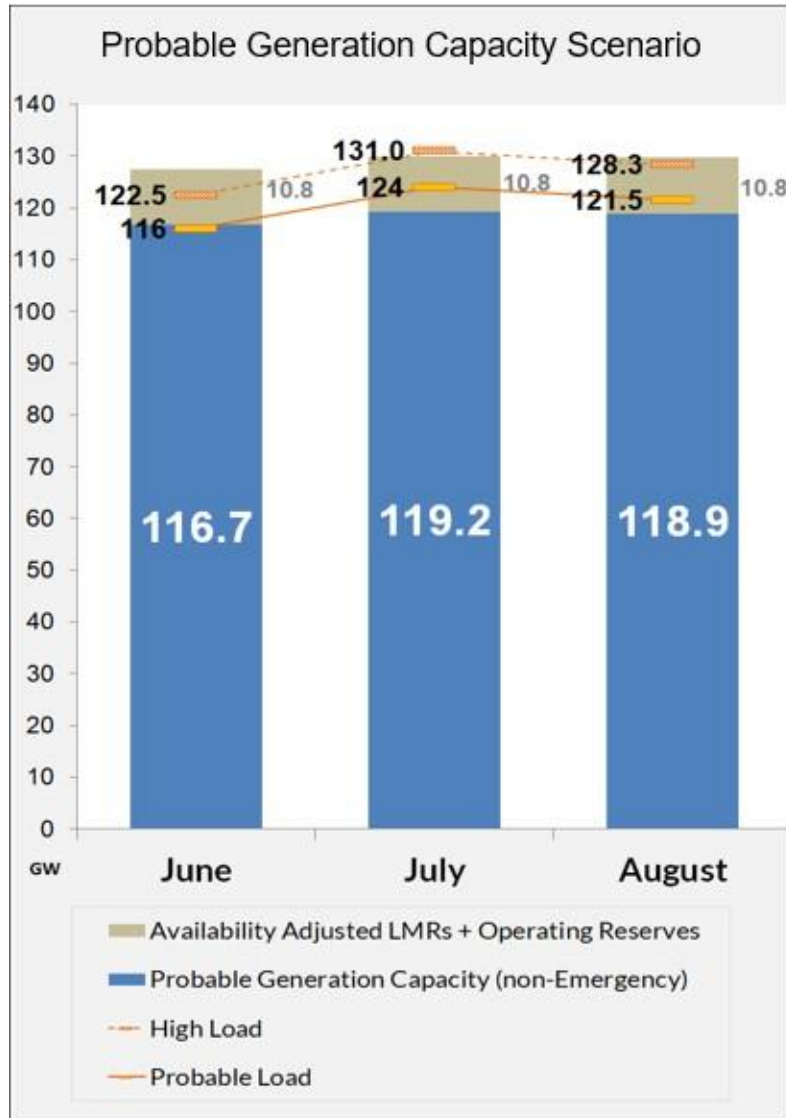


Two deterministic scenarios (typical and worst case) are evaluated to capture potential risk for this upcoming summer

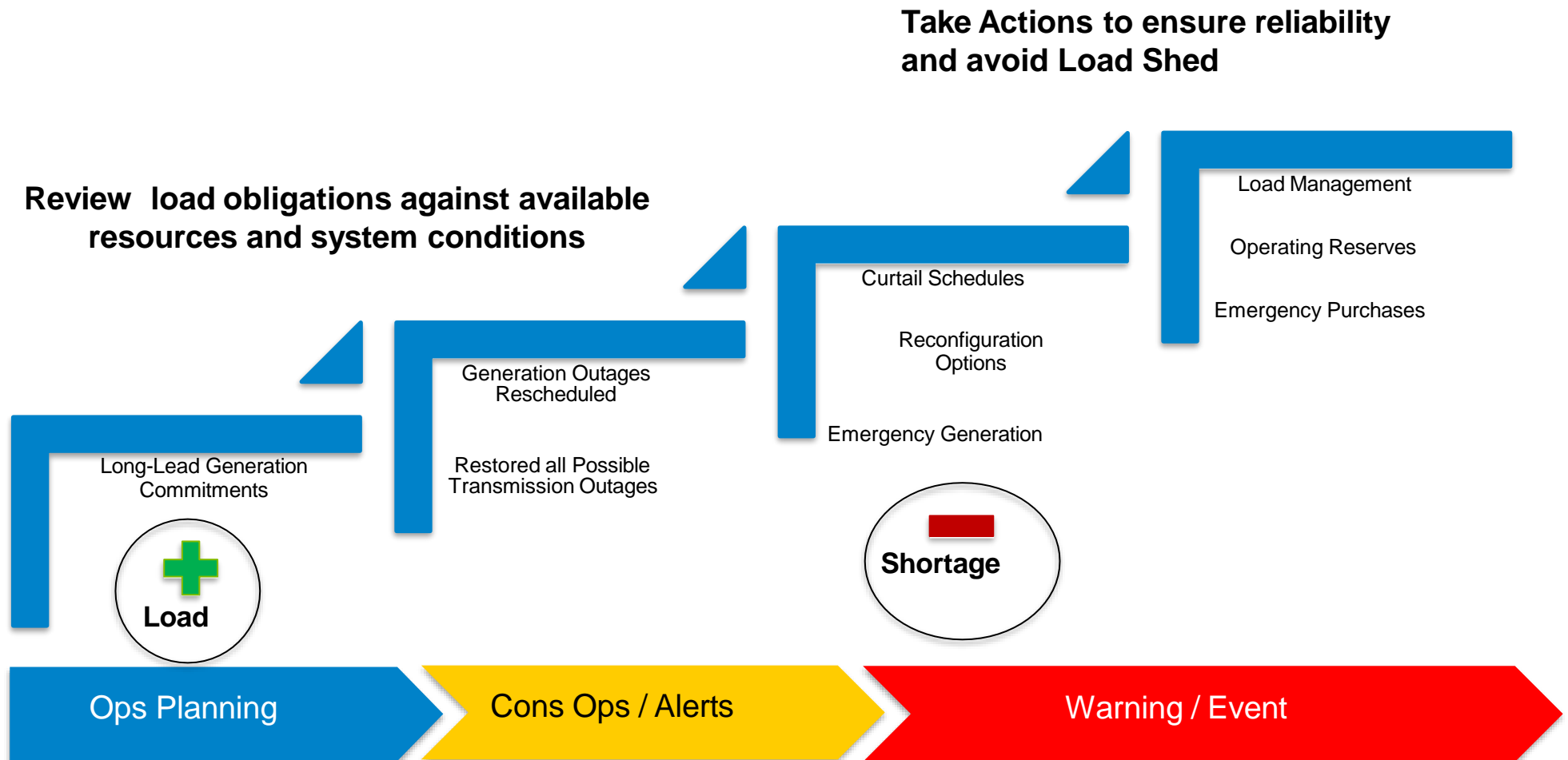


- 1 Based on 5-year historical outage information provided by Resource Owners
2 50% chance of the actual load being lower and 50% chance of the actual load being higher
3 90% chance of the actual load being lower and 10% chance of the actual load being higher

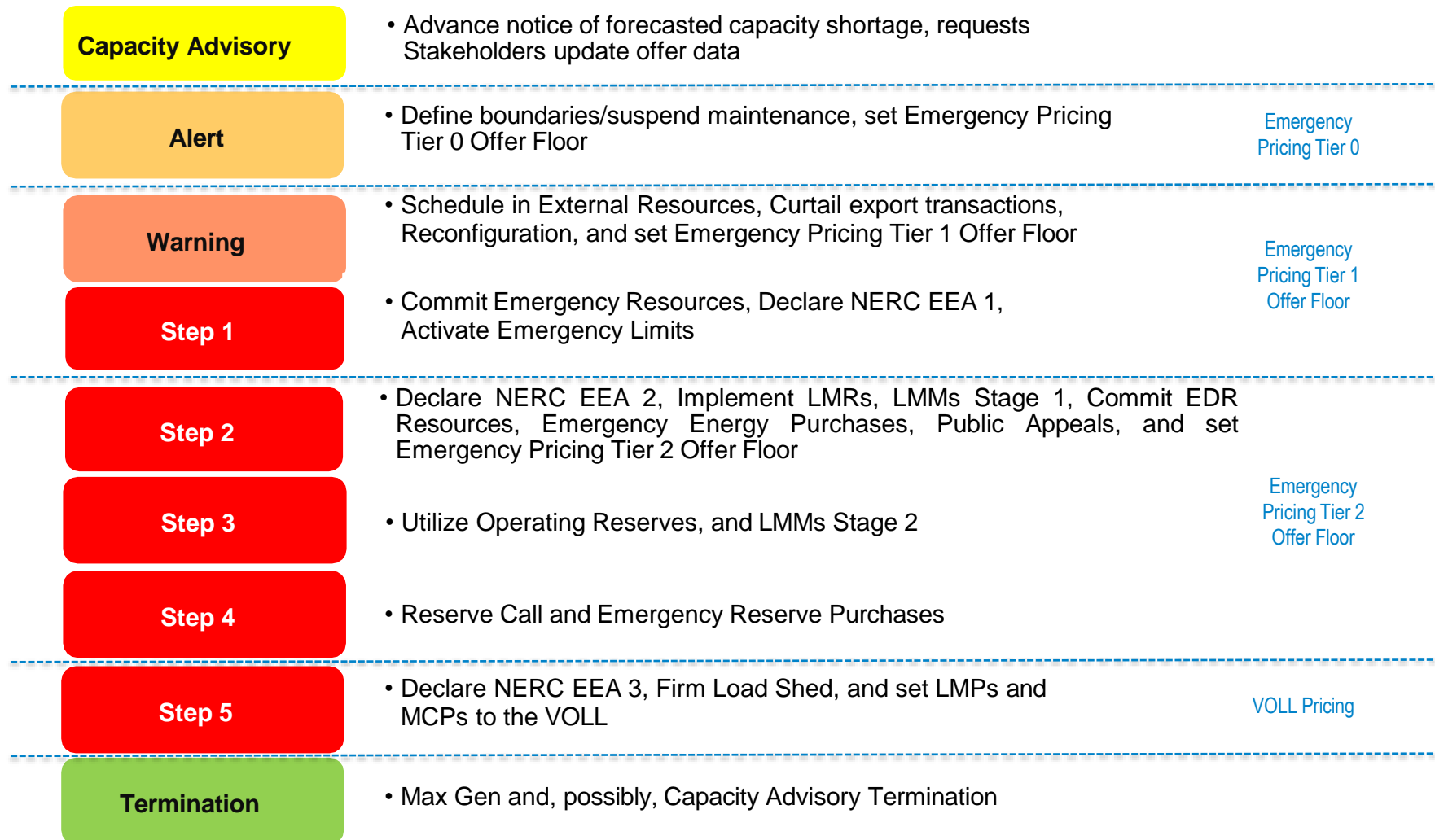
Energy resources and non-firm energy imports will be needed to maintain system reliability



MISO prepares for extreme conditions in advance. In Real-Time, unplanned outages and other unknowns may require additional actions



As upcoming operating conditions tighten, MISO procedures guide system operators as they maintain reliable operations



Real-Time Market and Operations Display is available via the MISO website and Mobile App



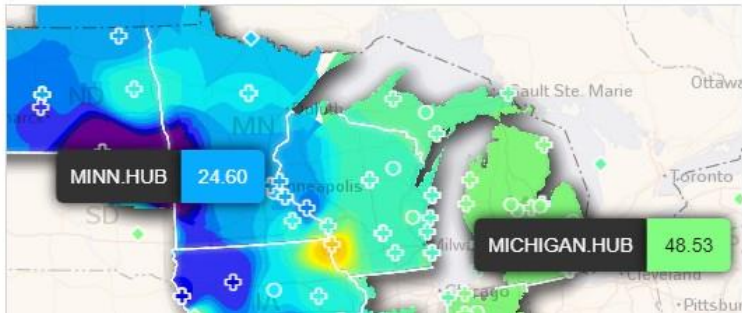
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[Home](#) > [Markets and Operations](#) > [Real-Time and Market Data](#) > [Markets Displays](#)

Markets Displays

LMP Contour Map

15-Apr-2022 - 10:20 EST



ExAnte LMP

15-Apr-2022 - Interval 10:2

Name

| |
|---------------|
| ARKANSAS.HUB |
| ILLINOIS.HUB |
| INDIANA.HUB |
| LOUISIANA.HUB |
| MICHIGAN.HUB |

Markets and Operations

ARR and FTR Market

Independent Market Monitor

Market Participation ▼

Market System Enhancement

Notifications ▼

Real-Time and Market Data ▲

Markets Displays

Operations Displays

Market Reports

Reliability Information ▼

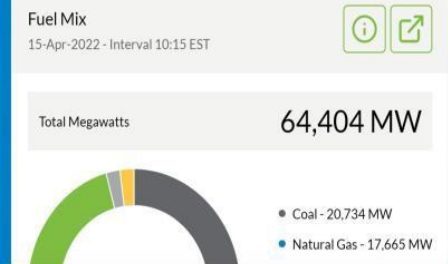
Settlements ▼



Grid Status



Real-Time Displays



[My Dashboard](#) [LMP Map](#) [Real-Time Displays](#) [News & Notifications](#)

